

SURGICAL TECHNOLOGY SERVICES, ASSOCIATE IN SCIENCE

Program Code: STAS
Meta-Major: HSCI
Location(s): Melbourne
Delivery Method(s): On-Campus
Previous Degree Required: HS Diploma
Eligible for Financial Aid: Yes
Additional Limited Access Application Process Required: Yes
Program Testing Requirements: CPT - Common Placement Test (PERT, ACCUPLACER, SAT, ACT)
Classification of Instructional Programs (CIP) Code: 51.0909
Florida Department of Education CIP Code: 1351090901

The Surgical Technology Services A.S. degree program has the following associated College Credit Certificate (CCC):

- [Central Sterile Processing Technologist CCC](#)

The Surgical Technologist works with the surgeon, anesthesiologist or anesthesiologist, and professional registered nurse as a member of the direct patient care team during surgery. The surgical technologist assists by preparing and handling supplies and equipment to maintain a safe and therapeutic environment for the patient through specific techniques and practices designed to exclude all pathogenic microorganisms from the operative wound. High School diploma or GED required.

Admission to the Surgical Technology Services program is limited. [Visit the program page for more details and how to apply](#) or call (321) 433-7575. Upon successful completion of the Surgical Technology Services program, the student is qualified to make application to the National Certification Examination for Surgical Technologists.

Program Requirements

Code	Title	Credit Hours
General Education Requirements		
BSCC 1010	General Biology 1	4
ENC 1101	Composition 1	3
	Humanities Core Requirement	3
	Mathematics Core Requirement	3
	Social/Behavioral Science/Core-Civic Literacy Requirement	3
Major Courses ¹		
STS 2944	Surgical Clinical 1	2
STS 2945	Surgical Clinical 2	5
STS 2947	Surgical Internship	3
STSC 1105	Fundamentals of Surgical Technology	4
STSC 1323	Surgical Techniques and Procedures 1	4
STSC 1340	Surgical Science and Pharmacology	3
STSC 2324	Surgical Techniques and Procedures 2	7
STSC 2955	Surgical Procedures Capstone	3
Support Courses		
BSCC 2093	Human Anatomy and Physiology 1	4
BSCC 2094	Human Anatomy and Physiology 2	4

HSC 1531	Medical Terminology	2
MCBC 2010	Microbiology for Health Sciences	4
PSY 2012	General Psychology 1	3
Total Credit Hours		64

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A grade of "C" or higher is necessary in each major course for progression and graduation.

Learning Outcomes: Surgical Technology Services A.S.

1. Communicate clearly and effectively utilizing spoken, written, ethical, professional interpersonal communication skills with patients, physicians, coworkers, and all communities of interest
 - *Supports Core Ability: Communicate Effectively*
2. Correlate the principles underlying the profession of surgical technology, including anatomy and pathophysiology, microbiology, pharmacology, asepsis, surgical conscience, and operating room skills, techniques, instrumentation, equipment, and supplies in providing safe, ethical, optimal perioperative patient care
 - *Supports Core Ability: Process Information*
3. Integrate critical thinking and problem-solving skills with learned competencies to function in a professional, collaborative surgical technologist role for the safe delivery of legal and ethical patient care during emergencies and routine care across the pre-operative, intra-operative, and post-operative phases of patient care
 - *Supports Core Ability: Work Cooperatively*
4. Perform in the perioperative setting in specialized roles with duties of a surgical technologist demonstrating moral, legal, and ethical responsibilities and respect for the diversity of others including socio-economic, spiritual, and lifestyle choices of the patient performing duties
 - *Supports Core Ability: Model Ethic and Civic Responsibility*
5. Incorporate critical thinking skills into the synthesis of cognitive, psychomotor, and affective knowledge, skills, and attitudes essential for solving problems in the provision of quality, safe, supportive care of the patient and family during emergencies and routine care according to current industry standards in the surgical setting
 - *Supports Core Ability: Think Critically & Solve Problems*
6. Justify the importance of informed consent, exemplary personal behaviors and accountability, patient advocacy, a commitment to life-long learning, interprofessional communication and collaboration, and a commitment to lifelong learning as essential to the professionalism, teamwork, and legal and ethical practice standards for surgical technology
 - *Supports Core Ability: Model Ethic and Civic Responsibility*
7. Demonstrate competence in knowledge, skills, and attitudes required to work as an entry-level surgical technologist team member in the preoperative, intraoperative, and postoperative phases of surgical case management providing comprehensive care for diverse patients
 - *Supports Core Ability: Think Critically & Solve Problems*